

Table SI. Clinical information of patients with surgically resected hepatocellular carcinoma.

Patient no.	Differentiation	Age, years	Sex	RFS, days	AFP, U/ml	PIVKaII	HBsAg	HCVAb	Staining	
									Cancer tissue	Non-cancer tissue
1	Well	69	M	721	5	28	+	-	N and C	C
2	Well	64	M	146	59	21	+	-	N and C	C
3	Well	83	F	673	6	20	+	-	N and C	C
4	Well	76	M	653	4	79	+	-	N and C	n.d.
5	Poor	40	M	268	43	167	+	-	C	C
6	Moderate	65	F	594	22	69	+	-	N and C	C
7	Poor	55	M	569	6	185	+	-	N	C
8	Poor	76	M	260	127	14	+	-	N and C	n.d.
9	Moderate	80	M	316	2	14634	+	-	N and C	C
10	Moderate	75	M	455	2	49	+	-	C	C
11	Poor	68	M	216	13	54	+	-	N	C
12	Well	66	M	116	2	31	+	-	C	C
13	Well	65	F	2325	61	22	-	+	N and C	C
14	Moderate	72	F	2246	46	18	-	+	N and C	C
15	Moderate	64	M	2130	3	43	-	+	C	C
16	Well	82	M	561	20	16	-	+	N and C	C
17	Well	66	M	1239	11	17	-	+	N	C
18	Poor	77	M	314	234	12400	-	+	N and C	C
19	Moderate	68	F	76	24	8210	-	+	N	C
20	Well	78	M	136	4	14	-	+	N and C	C
21	Well	70	M	901	5	119	-	+	C	C
22	Well	51	M	122	24	91	-	-	C	C
23	Well	74	M	473	5	207	-	-	N and C	C
24	Poor	68	M	54	648	1660	-	-	N	C
25	Moderate	84	F	1400	6	5690	-	-	N	C
26	Poor	70	F	28	20,000	125370	-	-	N	C
27	Moderate	76	M	871	5	1623	-	-	N and C	C
28	Poor	77	F	62	116	68	-	-	n.d.	C
29	Moderate-poor	72	M	232	3	27	-	-	C	C
30	Moderate	65	M	198	807	157	-	-	N	n.d.

N, nucleus; M, male; F, female; C, cytoplasm; n.d., not detected; RFS, recurrence-free survival; AFP, α -fetoprotein ; PIVKaII, protein induced by vitamin K absence ; HBsAg, hepatitis B virus surface antigen; HCVAb, hepatitis C virus antibody.